

541, 784

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
29 July 2004 (29.07.2004)

PCT

(10) International Publication Number
WO 2004/064269 A1

(51) International Patent Classification⁷:
17/00, G07C 9/00

H04B 7/08,

(72) Inventor; and

(75) Inventor/Applicant (for US only): AUFFRET, Eric
[FR/FR]; 2, rue du Commandant Desguez, F-35530 Noyal
sur Vilaine (FR).

(21) International Application Number:

PCT/EP2003/014734

(74) Agent: ROSSMANITH, Manfred; Deutsche Thom-
son-Brandt GmbH, European Patent Operations,
Karl-Wiechert-Allee 74, 30625 Hannover (DE).

(22) International Filing Date:

22 December 2003 (22.12.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0300221

10 January 2003 (10.01.2003) FR

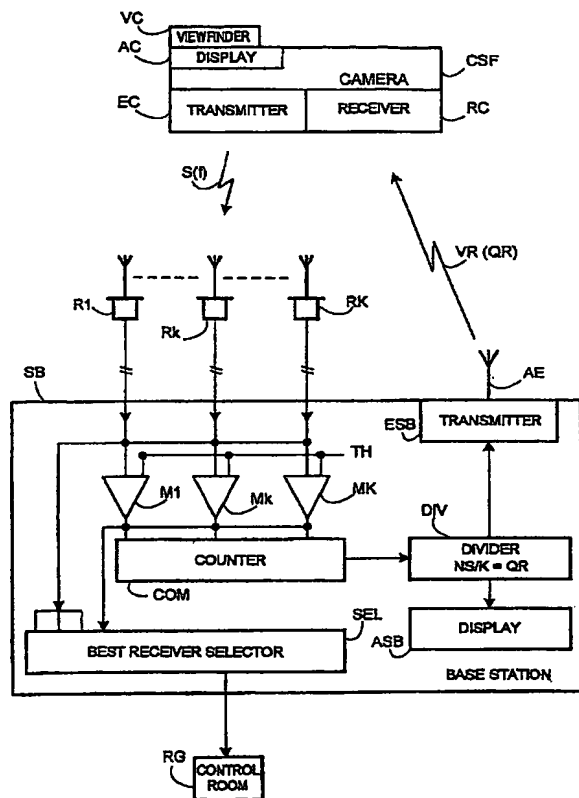
(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR,
CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,
KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN,
MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU,
SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(71) Applicant (for all designated States except US): THOM-
SON LICENSING S.A. [FR/FR]; 46, quai A. le Gallo,
F-92100 Boulogne-Billancourt (FR).

(84) Designated States (regional): ARIPO patent (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: DIVERSITY SYSTEM FOR MEASURING RECEPTION QUALITY



(57) Abstract: To assist an operator to position a wire-
less camera (CSF) so that a base station (SB) receives with
good quality a radiofrequency signal (S) transmitted from
a transmitter (EC) linked to the camera, several measur-
ers (M1-MK) linked to diversity receivers (R1-RK) of the
signal each determine whether a characteristic of the sig-
nal via the respective receiver satisfies a reception crite-
rion (TH). In the base station, a counter (COM) counts the
receivers satisfying the reception criterion, and a divider
(DIV) establishes a reception quality indicator (QR) de-
pendent on the number of satisfactory receivers so as in
particular to retransmit it via a return channel (VR) to the
camera so that it can be displayed thereon.

WO 2004/064269 A1



European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— *with international search report*